

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1089	((oxygen with plasma) same aluminum) and (@py<"2000")	USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:23
L2	872	((oxygen with plasma) same ((aluminum oxide) or alumina or (aluminum with (film or layer or substrate)))) and (@py<"2000")	USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:24
L3	5	L2 and ((trimethyl aluminum) or (tri-methyl aluminum))	USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:25
S1	2557	(427/248.1).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/26 09:21
S3	14	sherman-arthur.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/26 09:16
S4	1545	(427/569).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/26 09:16
S5	0	S1 and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub. 3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3")) and (oxygen with (radical plasma atomic))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 11:29
S6	0	S4 and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub. 3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3")) and (oxygen with (radical plasma atomic))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:24
S7	10	S4 and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub. 3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:24
S8	39	S1 and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub. 3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:27

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S9	1067	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or \$3cvd) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 10:42
S10	298	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or \$3cvd) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3")) and (oxygen with (atomic or plasma or radical))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:29
S11	102	S9 and (@py<"2000")	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:45
S12	475	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 10:45
S13	3	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	USOCR; EPO; JPO	ADJ	ON	2006/10/26 11:00
S14	187	("4058430"   "4389973"   "4767494"   "4845049"   "4859627"   "4876218"   "4993357"   "5060595"   "5071670"   "5130269"   "5166092"   "5225366"   "5256244"   "5270247"   "5693139").PN. OR ("5916365"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 10:49

## EAST Search History

S15	15	("4058430"   "4389973"   "4767494"   "4845049"   "4859627"   "4876218"   "4993357"   "5060595"   "5071670"   "5130269"   "5166092"   "5225366"   "5256244"   "5270247"   "5693139").PN.	US-PGPUB; USPAT; USOCR.	OR	ON	2006/10/26 10:49
S16	1276	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	USOCR; EPO; JPO	ADJ	ON	2006/10/26 11:18
S17	15	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	EPO; JPO	ADJ	ON	2006/10/26 11:00
S18	0	((atomic layer epitaxy) or (sequential chemical vapor deposition) or (sequential cvd)) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	USOCR	ADJ	ON	2006/10/26 11:04
S19	500	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and (oxygen with (atomic or plasma or radical))	USOCR; EPO; JPO	ADJ	ON	2006/10/26 11:19
S20	8	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and (oxygen with (atomic or plasma or radical))	EPO; JPO	ADJ	ON	2006/10/26 11:19
S21	473	((atomic layer deposition) or (ald) or (atomic layer epitaxy) or ale or (sequential chemical vapor deposition) or (sequential cvd)) and (oxygen with (atomic or plasma or radical))	USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 11:22
S22	17	(remote same (oxygen with (atomic or plasma or radical))) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 11:31

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S23	399	(oxygen with (atomic or plasma or radical)) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 11:31
S24	170	(oxygen with (atomic or plasma or radical)) and ((trimethyl aluminum) or (tri-methyl aluminum) or (tri methyl aluminum) or (tma) or ("alch.sub.3")) and ((aluminum oxide) or alumina or ("al.sub.2o.sub.3"))	USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 11:34
S25	75	remote with oxygen with plasma and (@py<"2000")	USPAT; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:20